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a steerable antenna that is capable of being steered towards the at least one satellite in response to control signals supplied thereto;

Q' an antenna controller that is coupled to the steerable antenna, the antenna controller being configured to provide the control signals to the steerable antenna, to steer the steerable antenna so that the steerable antenna is locked onto RF signals transmitted by the at least one satellite, and to downconvert the RF signals to provide downconverted RF signals that correspond to a plurality of programming channels, the control signals provided to the steerable antenna being based directly on information obtained from the RF signals output by the steerable antenna; and

a receiver/decoder that is coupled to the antenna controller and to the video and audio signal distribution system, the receiver/decoder being configured to process the downconverted RF signals to provide video and audio signals corresponding to the plurality of programming channels, and to output the video and audio signals to the video and audio signal distribution system which distributes the plurality of programming channels in real time to the passengers.

Q² 19. (Twice Amended) A satellite television system that provides television programming to passengers on an aircraft derived from at least one satellite, said system comprising:

a video and audio signal distribution system disposed on the aircraft, the video and audio signal distribution system being configured to distribute video

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and audio signals to the passengers on the aircraft;

a steerable antenna that is capable of being steered towards the at least one satellite in response to control signals supplied thereto;

an antenna controller that is coupled to the steerable antenna, the antenna controller being configured to provide the control signals to the steerable antenna, to steer the steerable antenna so that the steerable antenna is locked onto RF signals transmitted by the at least one satellite, the control signals provided to the steerable antenna being based directly on information obtained from the RF signals output by the steerable antenna;

Q²
a downconverter that is coupled to the antenna controller and that downconverts the RF signals to provide downconverted RF signals that correspond to a plurality of programming channels; and

a receiver/decoder that is coupled to the downconverter and to the video and audio signal distribution system, the receiver/decoder being configured to process the downconverted RF signals to provide video and audio signals corresponding to the plurality of programming channels, and to output the video and audio signals to the video and audio signal distribution system which distributes the plurality of programming channels in real time to the passengers.

20. (Amended) A system that provides video or audio to passengers on an aircraft, the video or audio being obtained from satellite-transmitted signals, the system comprising:

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a steerable antenna that is capable of being steered towards the at least one satellite in response to control signals supplied thereto;

an antenna controller that is coupled to the steerable antenna, the antenna controller being configured to provide the control signals to the steerable antenna, to steer the steerable antenna so that the steerable antenna is locked onto RF signals transmitted by at least one satellite, and to downconvert the RF signals to provide downconverted RF signals that correspond to a plurality of video or audio channels, the control signals provided to the steerable antenna being based directly on information obtained from the RF signals output by the steerable antenna; and

a receiver/decoder that is coupled to the antenna controller and which is configured to process the downconverted RF signals to provide video or audio signals corresponding to the plurality of video or audio channels, for distribution of the video or audio to the passengers.

34. (Amended) A system that provides video or audio to passengers on an aircraft, the video or audio being obtained from satellite-transmitted signals, the system comprising:

a steerable antenna that is capable of being steered towards at least one satellite in response to control signals supplied thereto;

an antenna controller that is coupled to the steerable antenna, the antenna controller being configured to provide the control signals to the

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steerable antenna, to steer the steerable antenna so that the steerable antenna is locked onto RF signals transmitted by the at least one satellite, the control signals provided to the steerable antenna being based directly on information obtained from the RF signals output by the steerable antenna;

a downconverter that is coupled to the antenna controller and that downconverts the RF signals to provide downconverted RF signals that correspond to a plurality of video or audio channels; and

a receiver/decoder that is coupled to the antenna controller and which is configured to process the downconverted RF signals to provide video or audio signals corresponding to the plurality of video or audio channels, for distribution of the video or audio to the passengers.